The undersigned, JAMES L. JERSILD, Vice Chairman of the Patent Board, of E. I. DU PONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, Delaware 19898 US, ("DuPont"), hereby confirms that the power to sign for DuPont has been granted to various individuals (as set forth in the attached excerpt from DuPont's Patent Board Rules of Procedure (Jan. 1988), Appendix Section III.A.4), including the Chairman, Vice-Chairman and those individuals who are Assistant Secretaries of the Patent Board. Currently these Assistant Secretaries are:

Alanson G. Bowen, Jr.

Theodore C. Gregory

Miriam D. Meconnahey

The present Vice Chairman of the Patent Board is JAMES L. JERSILD.

In addition, the authority to act on behalf of DuPont before the competent International Authorities in connection with any and all international patent applications filed by it with the United States of America as Receiving Office and to make or receive payments on its behalf is hereby granted to:

	NAME	REG.#	NAME	REG.#	NAME	REG.#
1	BIRCH, Linda D. BOWEN Jr., Alanson G. BROWDER, Monte R. BURGESS, Richard H. CHRISTENBURY, Lynne M. COSTELLO, James A. DEITCH, Gerald E. DUFFY, Roseanne R. DULL, John E. ESTRIN, Barry EVANS, Craig H. FEOYD, Linda Axamethy FORSTNER, James A. ERANK, George A.	38,719 24,027 36,761 22,292 30,971 24,396 30,457 33,869 20,822 26,452 31,825 33,692 24,259 27,636	GRIFFITHS, JOHN E. HAMBY, Jane O. HAMBY, William H. HEISER, David E. HENDRICKSON, John S. HIGGS, W. Victor JACONETTY, Kenneth E. JERSILD, James L. KATZ, Elliott A. KELLY, Patricia L. KING, Karen K. KLOCKO III, John J. KRUKIEL, Charles E. LEVITT, Cary A.	32,647 32,872 31,521 31,366 30,847 25,877 32,508 25,594 26,396 39,247 34,850 24,059 27,344 31,848	MEDWICK, George M. MORRISSEY, Bruce W. MOYLES, Lisa J. SANTOPIETRO, Lois A. SCHAEFFER, Andrew L. SHAFER, Robert J. SHIPLEY, James E. SIEGELL, Barbara C. STEVENSON, Robert B. STRICKLAND, Frederick D. SULLIVAN, Daniel W. SUTHERLAND, Hoge T. TESSARI, Joseph A. TOCKER, Edwin	27,456 30,663 P-40,737 36,264 33,605 24,437 32,003 30,684 26,039 39,041 34,937 20,010 32,177 20,341
	FRICKE, Hilmar L. GULIAN, Andrew G. GURMAN, Thomas W. GULD, David J.	27,636 22,384 25,293 31,959 25,338 25,243	MAGEE, Thomas H. MAJARIAN, William R. MALINOWSKI, Andrea V. MAYER, Nancy S.	27,355 P41,173	TOWLER III, Oscar A.	20,341 33,803 36,297 32,602 34,952

The undersigned ratifies fully all actions already taken by the above-named individuals in accordance with the authority granted hereby.

E. I. DU PONT DE NEMOURS AND COMPANY

JAMES L. JERSILD, Vice Chairman of the Patent Board

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